

Title (en)

ROBOTIC ARM FOR PATIENT POSITIONING ASSEMBLY

Title (de)

ROBOTERARM FÜR EINE PATIENTENPOSITIONIERUNGSVORRICHTUNG

Title (fr)

BRAS ROBOTIQUE POUR ENSEMBLE DE POSITIONNEMENT DE PATIENT

Publication

EP 1885244 A4 20130313 (EN)

Application

EP 06770159 A 20060509

Priority

- US 2006018017 W 20060509
- US 12912205 A 20050513

Abstract (en)

[origin: US2005234327A1] A robotic patient positioning assembly including a patient treatment couch, and a robotic arm coupled to the patient treatment couch. The robotic arm is configured to move the patient treatment couch along five rotational degrees of freedom and one substantially vertical, linear degree of freedom.

IPC 8 full level

A61B 6/06 (2006.01); **A61B 5/05** (2006.01); **A61B 6/04** (2006.01); **A61B 6/08** (2006.01); **A61N 5/10** (2006.01); **B66C 23/48** (2006.01)

CPC (source: EP US)

A61B 6/0487 (2020.08 - EP US); **A61B 6/4458** (2013.01 - EP US); **A61B 6/548** (2013.01 - EP US); **A61N 5/1049** (2013.01 - EP US); **B66C 23/48** (2013.01 - EP US); **A61B 6/4464** (2013.01 - EP US); **A61N 5/107** (2013.01 - EP US); **A61N 2005/105** (2013.01 - EP US); **A61N 2005/1074** (2013.01 - EP); **Y10T 74/20335** (2015.01 - EP US)

Citation (search report)

- [XYI] WO 2005018735 A2 20050303 - UNIV LOMA LINDA MED [US]
- [Y] EP 0283083 A1 19880921 - PHILIPS NV [NL]
- [A] JP H11151236 A 19990608 - TOSHIBA CORP
- [A] US 6379040 B1 20020430 - HALLMAN DARREN LEE [US], et al
- See references of WO 2006124434A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

US 2005234327 A1 20051020; **US 8160205 B2 20120417**; CN 101217913 A 20080709; CN 101217913 B 20120502; EP 1885244 A2 20080213; EP 1885244 A4 20130313; EP 1885244 B1 20200624; JP 2008539963 A 20081120; JP 5139270 B2 20130206; US 10745253 B2 20200818; US 2012174317 A1 20120712; US 2013025055 A1 20130131; US 8745789 B2 20140610; WO 2006124434 A2 20061123; WO 2006124434 A3 20070412

DOCDB simple family (application)

US 12912205 A 20050513; CN 200680025045 A 20060509; EP 06770159 A 20060509; JP 2008511299 A 20060509; US 2006018017 W 20060509; US 201213417003 A 20120309; US 201213612660 A 20120912